

824 Application Advice

Functional Group ID=**AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Notes:

- 1. Use this transaction set to inform the originator of a transaction set of the results of edit checks performed on the transaction set by the application program. The reported results can include: accepted, accepted with errors, accepted with data content change or rejected. All agencies may not be capable of using this transaction set for all intended purposes.*
- 2. When used to reject a transaction set or to accept a transaction set with errors, the errors will be identified and the correct data, if known, will be provided.*
- 3. When the transaction set is accepted with data content change, the corrected data MUST be provided.*
- 4. This transaction set can be used to report on multiple transaction sets sent by the same originator during a specified time period, e.g., daily.*
- 5. This transaction set is not used to reject a transmission due to ASC X12 syntax errors. Use a 997 transaction set for this purpose.*

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
6	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
Not Used	070	REF	Reference Numbers	O	12		
8	080	PER	Administrative Communications Contact	O	3		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - OTI							>1
10	010	OTI	Original Transaction Identification	M	1		
Not Used	020	REF	Reference Numbers	O	12		c1
12	030	DTM	Date/Time Reference	O	2		
Not Used	040	PER	Administrative Communications Contact	O	3		
Not Used	050	AMT	Monetary Amount	O	10		
Not Used	060	QTY	Quantity	O	10		
Not Used	065	N1	Name	O	1		
LOOP ID - TED							>1
13	070	TED	Technical Error Description	O	1		
Not Used	080	NTE	Note/Special Instruction	O	100		
LOOP ID - LM							>1
15	085	LM	Code Source Information	O	1		n1
16	086	LQ	Industry Code	M	100		
17	090	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Use of the LM loop is limited to the identification of industry unique application error conditions.

Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			824 X12.44 Application Advice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Use to identify a unique number assigned by the originator of the transaction set. This number may be system generated.</i>	

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BGN02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Use to identify the unique reference number assigned to this 824 transaction set, not the transaction set that is being reported.</i>	M AN 1/30
M	BGN03	373	Date Date (YYMMDD) <i>Use to identify the date this 824 transaction set was originated.</i>	M DT 6/6
Must Use	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use to identify the time this 824 transaction set was originated.</i>	X TM 4/8
	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow <i>Use only if the time is other than local time.</i>	O ID 2/2

CT	Central Time
ET	Eastern Time
GM	Greenwich Mean Time
MT	Mountain Time
PT	Pacific Time

Not Used **BGN06** **127** **Reference Number** **O AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

BGN07 **640** **Transaction Type Code** **O ID 2/2**

Code specifying the type of transaction

When the reported transaction set's beginning segment contains data element 640 and a code value was transmitted, cite that same code value.

Refer to 003050 Data Element Dictionary for acceptable code values.

BGN08 **306** **Action Code** **O ID 1/2**

Code indicating type of action

When the reported transaction set's beginning segment contains data element 306 and a code value was transmitted, cite that same code value.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	N1 Name
Position:	030
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. <i>Address information is to be transmitted using only code values contained in a combination of N101, N103/N104 data elements.</i> 2. <i>There must be 2 iterations of the N1 loop in each transmission; one iteration to carry the name and address of the party transmitting the 824 transactions set and a second iteration containing the name and address of the party to whom the 824 transaction set is being sent.</i> 3. <i>The name and address of each party will be conveyed by use of a code in N103/04.</i>

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>	
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
		FR	Message From	
			<i>Use to indicate the entity sending the transaction set.</i>	
		TO	Message To	
			<i>Use to indicate the entity to whom the transaction set is being sent.</i>	
Not Used	N102	93	Name	X AN 1/35
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			<i>While the federal EDI program uses the DUNS number, some government users of this implementation convention may require the use of other numbers for a transition period in order to cross reference</i>	

existing data bases.

1	D-U-N-S Number, Dun & Bradstreet
	<i>Use of the DUNS or DUNS+4 number is preferred over any other coded number to identify an entity.</i>
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
	<i>Use of the DUNS or DUNS+4 number is preferred over any other coded number to identify an entity.</i>
10	Department of Defense Activity Address Code (DODAAC)
	<i>Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.</i>
33	Commercial and Government Entity (CAGE)
	<i>Use when a commercial entity cannot be identified by a DUNS number.</i>
93	Code assigned by the organization originating the transaction set
FA	Facility Identification
	<i>Use to identify a facility that cannot be identified using a DUNS number, DUNS+4 number, CAGE code, or DoDAAC.</i>
FI	Federal Taxpayer's Identification Number
	<i>Use only if the receiving organization uses a Taxpayer's Identification Number (TIN) to identify the sender.</i>

	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		

Segment: **PER** Administrative Communications Contact

Position: 080

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *When N101 is code FR, use to identify a contact to whom inquiries regarding this transaction set can be directed.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		AL Alternate Contact	
		<i>Use to indicate an alternate party to whom inquiries regarding this transaction set should be directed.</i>	
		EA EDI Coordinator	
		<i>Use to indicate the primary party to whom inquiries regarding this transaction set should be directed.</i>	
	PER02	93 Name	O AN 1/35
		Free-form name	
		<i>Cite the last name first, followed by the first name. Do not truncate the last name if the whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.</i>	
	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		EM Electronic Mail	
		FX Facsimile	
		TE Telephone	
		<i>Use to indicate the commercial telephone number of the party cited in PER02.</i>	
	PER04	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when	

		applicable	
		<i>When PER03 is code TE, include the area code.</i>	
PER05	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail address.</i>	
		EM Electronic Mail	
		EX Telephone Extension	
		<i>Use only if PER03 is code TE.</i>	
		FX Facsimile	
		TE Telephone	
		<i>Use to indicate the commercial telephone number of the party cited in PER02.</i>	
PER06	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>When PER05 is code TE, include the area code.</i>	
PER07	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>Use to identify a third communications number for the party cited in PER02.</i>	
		EM Electronic Mail	
		EX Telephone Extension	
		<i>Use only if PER05 is code TE</i>	
		FX Facsimile	
		TE Telephone	
		<i>Use to indicate the commercial telephone number of the party cited in PER02.</i>	
PER08	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>When PER07 is code TE, include the area code.</i>	
Not Used	PER09	443	Contact Inquiry Reference
			O AN 1/20
		Additional reference number or description to clarify a contact number	

Segment:	OTI Original Transaction Identification
Position:	010
Loop:	OTI Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Syntax Notes:	1 If OTI09 is present, then OTI08 is required.
Semantic Notes:	1 OTI06 is the group date. 2 OTI07 is the group time. 3 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
Comments:	1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification. 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender. 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.
Notes:	<i>Use this loop to identify the transaction set that is being reported and the action taken on that transaction set. Use multiple iterations of the OTI loop to report on more than one transaction set.</i>

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	OTI01	110	Application Acknowledgment Code	M ID 1/2
			Code indicating the application system edit results of the business data	
			<i>Use to identify the action taken regarding the transaction set being reported and identified in the same OTI loop.</i>	
		TA	Transaction Set Accept	
		TC	Transaction Set Accept with Data Content Change	
		TE	Transaction Set Accept with Error	
		TR	Transaction Set Reject	
M	OTI02	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			<i>Use to indicate the unique reference number of the transaction set being reported.</i>	
		TN	Transaction Reference Number	
			<i>Use to indicate the transaction set reference number.</i>	
M	OTI03	127	Reference Number	M AN 1/30
			Reference number or identification number as defined for a particular	

Transaction Set, or as specified by the Reference Number Qualifier.

Cite the unique reference number associated with the transaction set being reported. Appendix A identifies where this unique reference number can be found in specific transaction sets.

Not Used	OTI04	142	Application Sender's Code	O AN 2/15
			Code identifying party sending transmission; codes agreed to by trading partners	
Not Used	OTI05	124	Application Receiver's Code	O AN 2/15
			Code identifying party receiving transmission; codes agreed to by trading partners	
Not Used	OTI06	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	OTI07	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	OTI08	28	Group Control Number	X N0 1/9
			Assigned number originated and maintained by the sender	
			<i>Use to identify the number cited in GS06 of the functional group in which the reported transaction was transmitted.</i>	
	OTI09	329	Transaction Set Control Number	O AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Use to identify the transaction set control number cited in SE02 of the transaction set being reported.</i>	
	OTI10	143	Transaction Set Identifier Code	O ID 3/3
			Code uniquely identifying a Transaction Set	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	OTI11	480	Version / Release / Industry Identifier Code	O AN 1/12
			Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	
			<i>Use to identify the ASC X12 Version/Release used to translate the transaction set being reported.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: DTM Date/Time Reference**Position:** 030**Loop:** OTI Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 2**Purpose:** To specify pertinent dates and times**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:**Comments:****Notes:** *Use this segment to identify the creation date of the transaction set being reported.***Data Element Summary**

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>Attributes</u>
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		097 Transaction Creation	
Must Use	DTM02	373 Date	X DT 6/6
		Date (YYMMDD)	
		<i>Appendix B identifies where the creation date for specific transaction sets can be found within those transaction sets.</i>	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
		<i>Cite the time the reported transaction set was originated, if known.</i>	
Not Used	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624 Century	O N0 2/2
		The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
Not Used	DTM07	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	TED Technical Error Description
Position:	070
Loop:	TED Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:	
Semantic Notes:	
Comments:	1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
Notes:	<p>1. Use this segment to identify errors within the reported transaction set.</p> <p>2. Use multiple repetitions of this segment to identify multiple errors within the reported transaction set.</p>

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TED01	647 Application Error Condition Code	M ID 1/3
		Code indicating application error condition	
		<p>1. Any code may be used. The listed codes are to be used only as indicated by the code value notes.</p> <p>026 Customer Identification Number is invalid Use to indicate an erroneous number, e.g., DUNS Number, DUNS+4 Number, CAGE code, DoDAAC, or Civilian Activity Address code.</p> <p>029 Customer Identification Number is Missing Use to indicate a missing number, e.g., DUNS Number, DUNS+4 Number, CAGE code, DoDAAC, or Civilian Activity Address code.</p> <p>024 Other Unlisted Reason Use to indicate an error not identified by a specific code. Specify the error in TED02.</p> <p>OTH Other Use to indicate an unspecified error condition that cannot be described.</p>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	TED02	3 Free Form Message	O AN 1/60
		Free-form text	
		When TED01 is code 024, use to specify the error.	

TED03	721	Segment ID Code	O ID 2/3
		Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	
		<i>1. Use to identify the segment containing the error.</i>	
		<i>2. The Appendix A - Number 77 is an X12 Code Source. Do not confuse this appendix A with the appendix A that is included as part of this implementation convention.</i>	
TED04	719	Segment Position in Transaction Set	O N0 1/6
		The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	
		<i>Use to identify the position of the segment within the transmission of the transaction set containing an error, e.g., 15. This is read as the 15th segment transmitted.</i>	
TED05	722	Element Position in Segment	O N0 1/2
		This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	
		<i>Use to identify the segment position of the data element containing an error, e.g., 1, 12, etc.</i>	
TED06	725	Data Element Reference Number	O N0 1/4
		Reference number used to locate the data element in the Data Element Dictionary	
		<i>Use to identify the segment data element containing an error, e.g. 374.</i>	
TED07	724	Copy of Bad Data Element	O AN 1/99
		This is a copy of the data element in error	
		<i>Use to identify the erroneous content of the data element, e.g., 999.</i>	
TED08	961	Data Element New Content	O AN 1/99
		New data which has replaced erroneous data	
		<i>1. When OTI01 is code TE or TR, use to identify the correct data, if known, that should have been transmitted in the data element.</i>	
		<i>2. When OTI01 is code TC, this data element is REQUIRED.</i>	

Segment: **LM** Code Source Information
Position: 085
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Use this loop to provide codified data from a code source list maintained by a federal agency.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	LM02	822 Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
		<i>When LQ01 is code ZZ, identify the code list that contains the code cited in LQ02.</i>	

Segment: **LQ** Industry Code
Position: 086
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	
		<i>Use to cite a code that is contained in a code source list applicable to the qualifier code cited in LQ01 or when LQ01 is code ZZ, in a code source list cited in LM02.</i>	

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>This is the number cited in ST02.</i>	